



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,610	12/19/2001	Chenghui Wang	01P04874US01	3010

7590 07/19/2005

Siemens Corporation  
Attn: Elsa Keller, Legal Administrator  
Intellectual Property Department  
186 Wood Avenue South  
Iselin, NJ 08830

EXAMINER

YANG, LINA

ART UNIT	PAPER NUMBER
----------	--------------

2665

DATE MAILED: 07/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

SM

<b>Office Action Summary</b>	<b>Application No.</b> 10/027,610	<b>Applicant(s)</b> WANG, CHENGHUI	
	<b>Examiner</b> Lina Yang	<b>Art Unit</b> 2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 March 2001.
- 2a) ☐ This action is **FINAL**.      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/19/2001, 6/15/2005</u> | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 1 is objected to because of the following informalities: "SSGN" on page 28 line 6 should be changed to "SGSN". Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 4 is rejected under 35 U.S.C. 112, second paragraph.
  - a. Claim 4 recites the limitation "the normal GPRS attach process" in line 2. There is insufficient antecedent basis for this limitation in the claim.

- b. Claim 4 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 recites: "processing a detection point attach when the normal GPRS attach process is successful but is not completed". It's not clear how can the "attach process" be "successful" but not "completed".

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351 (a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language..

3. Claims 1, 5 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by Palat et al. (U.S. Patent Application No. 20010034231 A1).

Regarding claim 1, 5 and 11, Palat teaches a telecommunications system, comprising: a Serving GPRS support node (SGSN) adapted to interface to a mobile station (fig. 2, element 30 VC-SGSN and element 10A); and a gateway GPRS support node (GGSN) adapted to couple to a packet network (fig. 2, element 20A GGSN, element 6A Internet); wherein said SGSN includes a Session Initiation Protocol (SIP) user agent (fig. 2, element VSB 32) for interfacing to a SIP application server (CSCF coupled in VSB 32), to provide multimedia services to said mobile station.

Art Unit: 2665

4. Claims 17-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Verkama (U.S. Patent Application No. 20010050908 A1).

Regarding claim 17, Verkama teaches a method in a GPRS network, comprising: requesting a DP attach from a mobile station to an SGSN (fig. 2A, step 2-2; [0029]); requesting a PDP context activation from said SGSN to said mobile station (fig. 2A, step 2-4; [0029]); performing a PDP context activation in response to said requesting (fig. 2A, step 2-4; [0029]); and pushing content to said mobile station ([0018]-[0023]).

Regarding claim 18, Verkama further teaches that the said content comprising one or more Web pages ([0023]).

Regarding claim 19, Verkama further teaches that implementing push pre-paid recharging service ([0015]).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-3, 6-10 and 12-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Palat et al. (U.S. Patent Application No. 20010034231 A1) in view of Verkama (U.S. Patent Application No. 20010050908 A1).

Regarding claim 2, in addition to the above 102 rejection for claim 1, Palat does not specifically teach that SGSN adapted to initiate a PDP context activation procedure if said SGSN determines, or another network function/entity instructs the SGSN, that such a PDP context activation is needed to support further services. However, Verkama teaches that SGSN adapted to initiate a PDP context activation procedure if said SGSN determines, or another network function/entity instructs the SGSN, that such a PDP context activation is needed to support further services (fig. 2, step 2-4, [0028]). Therefore, it would have been obvious for one of ordinary skill in the art at the time when the invention was made to include that SGSN adapted to initiate a PDP context activation procedure if said SGSN determines, or another network function/entity instructs the SGSN, that such a PDP context activation is needed to support further services as taught by Verkama in the assembly of Palat in order to deliver/push the services to the client.

Regarding claim 3, in addition to the above 103 rejection for claim 2, Verkama further teaches that PDP activation procedure adapted to be implemented at DP attach or other detection points (fig. 2A; [0029]).

Art Unit: 2665

Regarding claims 6 and 12, in addition to the above 102 rejection for claims 5 and 11, Palat does not specifically teach that the SGSN and SIP application server adapted to implement an operator owned PDP context activation. However, Verkama teaches that the SGSN and SIP application server adapted to implement an operator owned PDP context activation (fig. 2A, step 2-4; [0001] and [0029]). Therefore, it would have been obvious for one of ordinary skill in the art at the time when the invention was made to include the SGSN and SIP application server adapted to implement an operator owned PDP context activation as taught by Verkama in the assembly of Palat in order to let the operator deliver the services to the client.

Regarding claims 7 and 13, in addition to the above 103 rejection for claims 6 and 12, Verkama further teaches that the operator owned PDP activation procedure adapted to be implemented at DP attach or other detection points (fig. 2A; [0029]).

Regarding claims 8 and 14, in addition to the above 103 rejection for claims 7 and 13, Verkama further teaches that the SGSN and SIP application server adapted to implement push services (fig. 2; [0001]).

Regarding claims 9 and 15, in addition to the above 103 rejection for claims 7 and 13, Palat further teach that the SGSN and SIP application server adapted to implement presence status ([0028]).

Art Unit: 2665

Regarding claims 10 and 16, in addition to the above 103 rejection for claims 7 and 13, Verkama further teaches that the SGSN and SIP application server adapted to implement push pre-paid recharging service (fig. 2; [0015]).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lina Yang whose telephone number is (571)272-3151. The examiner can normally be reached on 7:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571)272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information 9PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LY



HUY D. VU  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600